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Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, California 90045

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Commissioner for Patents

Attn: Examiner Temesghen Ghebretinsae

Parent Examining Corps

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Alexandria, VA 22313-1450

FROM:

George H. Gates

OUR REF.: PD-202088 TELEPHONE:

+13106418798

(310) 642-4142

Total pages, including cover letter: 16

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Title of Document Transmitted:	TRANSMITTAL DOCUMENTS (2) AND SUBSTITUTE AMENDMENT UNDER 37 C.F.R. §1.111
Applicant:	Weizheng W. Wang et al.
Senal No.:	10/691,032
Filed:	October 22, 2003
Group Art Unit:	2611
Title:	UNBLIND EQUALIZER ARCHITECTURE FOR DIGITAL COMMUNICATION SYSTEMS
Our Ref. No.:	PI)-202088

Please charge all fees to Deposit Account No. 50-0383 of The DIRECTV Group, Inc., the assignee of the present application.

lame: George H. Gates

Reg. No.: 33,500

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Signature

FEB 2008

Date

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Due Date: February 16, 2008

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Weizheng W. Wang et al.

FROM-Gates & Cooper LLP

Examiner:

Temesghen Ghebretinsae

T-421

P.002

Serial No .:

10/691,032

Group Art Unit:

2611

Filed:

October 22, 2003

Docket:

PD-202088

Title:

UNBLIND EQUALIZER ARCHITECTURE FOR DIGITAL COMMUNICATION SYSTEMS

#### CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office ол <u>February 19, 2008</u>.

Commissioner for Patents P.O. Box 1450

Dear Sir:

We are transmitting herewith the attached:

Alexandria, VA 22313-1450

Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8. Substitute Amendment Under 37 C.F.R. §1.111.

CLAIMS PRESENT

Claims Remaining:	Highest Number Previously Paid For:	Number Extra		Rate		Fce
Total Claims						
23	24	0	X	\$50.00		\$0.00
Independent Claims			<del>  "</del>	430.00		Ψ0.00
3	3	0	x	\$210.00		\$0.00
MULTIPLE DEPENDENT CL	AIM FEE		,	. 4===;== [	$\neg \neg$	\$0.00
TOTAL FILING FEB					_	\$0.00

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0383 of The DIRECTV Group, Inc., the assignee of the present application. A duplicate of this paper is enclosed.

Customer Number 20991

**GATES & COOPER LLP** 

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, CA 90045 (310) 641-8797

Name: George H. Gates

Reg. No.: 33,500 VGC/GHG/kmk

G&C 109.92-US-U1

# RECEIVED CENTRAL FAX CENTER

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FEB 1 9 2008

Due Date: February 16, 2008

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Weizheng W. Wang et al.

Examiner:

Temesghen Ghebretinsae

Serial No.:

10/691,032

Group Art Unit:

2611

Filed:

October 22, 2003

Docket:

PD-202088

Title:

UNBLIND EQUALIZER ARCHITECTURE FOR DIGITAL COMMUNICATION SYSTEMS

## CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on February 19, 2008.

Name: Kathleen Krochko

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.

Substitute Amendment Under 37 C.F.R. §1.111.

CLAIMS PRESENT

Claims Remaining:	Highest Number Previously Paid For:	Number Extra		Rate		Fee ·			
Total Claims									
23	24	0	х	\$50.00	=	\$0.00			
Independent Claims									
3.	3	0	$\frac{1}{x}$	\$210.00		\$0.00			
MULTIPLE DEPENDENT CL	AIM FEE					\$0.00			
TOTAL FILING FEE						\$0.00			

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0383 of The DIRECTV Group, Inc., the assignee of the present application. A duplicate of this paper is enclosed.

Customer Number 20991

GATES & COOPER LLP

Howard Hughes Center 6701 Center Drive West, Suite 1050 Los Angeles, CA 90045 (310) 641-8797 Name: George H. Gates

Reg. No.: 33,500 GHG/VGC/kmk

G&C 109.92-US-U1

# RECEIVED 418798 CENTRAL FAX CENTER FEB 1 9 2008

Due Date: February 19, 2008

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Weizheng W. Wang et al.

Examiner:

Temesghen Ghebretinsae

Serial No.:

10/691,032

Group Art Unit:

2611

Filed:

October 22, 2003

Docket:

PD-202088

Conf. No.

7557

Title:

UNBLIND EQUALIZER ARCHITECTURE FOR DIGITAL

COMMUNICATION SYSTEMS

#### CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on February 19, 2008.

Name: Kathleen Krochko

## SUBSTITUTE AMENDMENT UNDER 37 C.F.R. §1.111

MAIL STOP AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Earlier this day, an amendment was filed in response to the Office Action dated November 16, 2007. That amendment included a number of errors which are corrected in this Substitute Amendment Under 37 C.F.R. § 1.111. The Applicants ask that the earlier filed amendment be disregarded in favor of the instant amendment.